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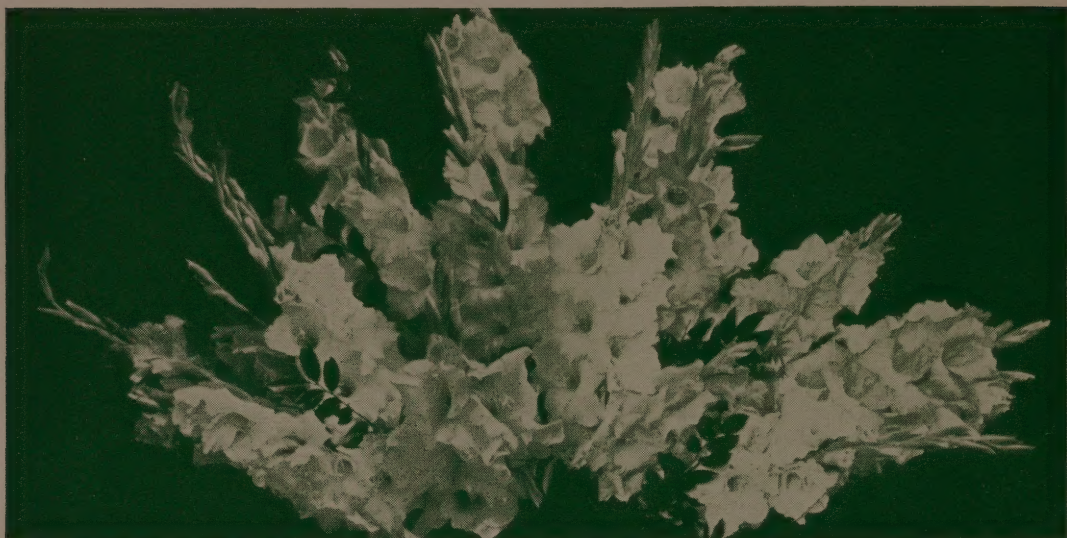
LONG'S 1963 Garden Book

Zinnia Thumbelina



J. D. LONG SEED CO.
BOULDER, COLORADO

Gay, Glamorous, Glistening **GLADIOLUS**



THE KING OF CUT FLOWERS, gladiolus will do well in all sections of the country. Our bulbs are carefully grown, hand dug and cleaned to protect from bruising, and packaged with care. With a minimum of attention they will reward you with a beautiful display in your garden.

CULTURE DIRECTIONS included with each order.

PREPAID PRICES. Unless otherwise stated, all prices in this catalog include prepaid delivery to your door.

BULB SIZES. Large bulbs, designated by letter **L**, measure $1\frac{1}{4}$ inches or more in diameter. Medium size (**M**) are from $\frac{3}{4}$ to $1\frac{1}{4}$ inches in diameter. Both sizes make fine flowers, with medium size often making spikes almost as large as those from larger bulbs.

SECOND CHOICE. As the season goes on, some kinds will be sold out. Will help us if you list a second choice in case we cannot supply all items on your order. Any substitution will be of equal or greater value.

SHIPPING TIME. Except for an occasional delay of a few days to avoid risk of freezing during unusual cold spells, orders are shipped immediately. However, if you wish us to put up your order and hold until a date you specify, we are glad to do this. Glad bulbs can not be supplied after the first of June.

BUTTERFLY GLADS. This year we have added several varieties of the new Butterfly type glads. These varieties are of normal height with medium to small size florets that are characterized by distinctive throat markings. In addition to beauty in the garden they are especially valuable for flower arrangements.

Abu Hassan (K & M) Deep dark blackish blue. Medium size florets on straight stems.

(L 2—30c; 10—\$1.20) (M 3—30c; 10—80c).

Arabian Night (K & M) A deep mahogany reddish-brown with a velvety sheen and a very

narrow white line on the lower petals.

(L 2—30c; 10—\$1.20) (M 2—20c; 10—80c).

Ares (K & M) Butterfly type. Cream-ivory with a delicate tinge towards the frilled edges. Slightly flushed carmine with deep scarlet blotch in the throat. An exceedingly handsome and very popular variety.

(L 2—35c; 10—\$1.35) (M 3—35c; 10—90c).

ALL-AMERICAN GLADIOLUS

Four outstanding new varieties. **FRISKY**, **GOLDILOCKS**, **MORNING SUN** and **VICTORY**, join a galaxy of All-America glad stars, bringing to 19 the total of these increasingly popular, nation-wide tested, varieties.

All 19 glads are patented, with the right to reproduce for re-sale or cut flower purposes reserved.

Appleblossom (Baerman-Fischer) White with a faint touch of cream in the throat and an exquisite flush of cool rose pink at the edges of the petals.

Ben-Hur (Larus) Soft, harmonious, medium shade of rose pink. Opens 9 to 10 ruffled florets on uniformly tall, straight spikes.

Caribbean (Baerman-Fischer) Unusual combination of rare blue-violet petals handsomely embellished by a rich, deep violet throat and a small cream spear.

China Blue (Fischer) Soft blue-violet, deeper at the petal tips; then lighter toward the center where a deep violet blotch punctuates the lower petals.

Emperor (Baerman-Fischer) A true aristocrat, this glad of regal purple trimmed in ermine-white presents a stately display.

Frisky (Rich) Small, petite and charming. The deep scarlet florets are bordered with a fine golden picotee edge. Ideal for arrangements.

Goldilocks (Fischer) Early blooming miniature size glad of golden-yellow color. Beautiful waxy sculptured florets on well-proportioned spikes.

Gypsy Dancer (Fischer) Gracefully ruffled florets on slender stems are a vivid scarlet-orange with a sunburst of yellow on the lower petals.

Horizon (Fischer) Dawn-fresh, dew-kissed, rosy lavender florets simulate dawn on the horizon. Opens up to 10 florets at one time.

Joyous (Flad) This new variety is a rich deep rose red, slightly deeper on the lip petals. It will usually open 8 large well-placed ruffled florets on tall spikes.

Landmark (White) A real eye-stopper, this huge, tall cream will make your garden a "landmark" to passers-by. Landmark is a glad of unusual stamina.

Little Pansy (Fischer) A petite and charming little glad that will beguile you with its lively personality. The rich, velvety, deep blue pansy-like blotches add an elegant touch to the quiet simplicity of the light violet florets.

Maytime (Baerman-Fischer) The graceful ruffled deep pure pink florets with their contrasting, large white throats make this new glad a pleasure to behold.

Morning Sun (Fischer) Glorious bright-as-the-sun deep yellow. Tall sturdy spikes bear the large, round, suede textured, ruffled florets.

Royal Stewart (Pommert) Clear, light red. The long flower heads frequently carry up to twelve flowers open at one time.

Rusty (M. Fisher) Large, fluted, suede-textured florets of the most luscious shade of chocolate red with a velvety, bright red thumb mark on the lip petals.

Sparkler (Fischer) Clear shade of yellow with showy red darts on the deeper golden yellow lip petals. Florets are of medium size, ruffled nicely.

Thunderbird (Henderson-White) A most captivating color—a fiery, vibrant, deep persimmon hue. Heavy substance; exquisitely ruffled.

Victory (Fischer) Brilliant new scarlet. Lofty spikes hold wide-open, saucer-like florets of leathery texture and fine substance.

Prices: 35c each, or any combination of varieties at 3 for \$1.00; 12 for \$3.45.
Special Collection Offer: One bulb of each variety for \$4.95.

- Benjamin Britten** (K & M) Deep lavender with fine white lines attractively penciled in throat. Tall grower; good size.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).
- Bibi** (K & M) Attractive butterfly variety. The wavy colored florets are softly overlaid pink with a deep rose throat.
(L 25c; 10—\$2.00) (M 2—35c; 10—\$1.40).
- Black Jack** (K & M) A strong growing black red or dark mahogany with a faint white line on the lower petal.
(L 25c; 10—\$2.00) (M 2—35c; 10—\$1.40).
- Blue Lou** (K & M) One of the best blues. A mid-blue with a violet throat. Opens 6 to 8 graceful florets on a medium tall spike.
(L 35c; 10—\$2.80) (M 25c; 10—\$2.00).
- Buckeye Bronze** (Wilson) Velvety red bronze. Its attractive color and sheen make it a favorite in this color class.
(L 2—30c; 10—\$1.20) (M 2—25c; 10—80c).
- Burma** (Palmer) Heavily ruffled deep rose.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).
- Casablanca** (Majeski) Large ruffled white.
(M 3—25c; 10—75c).
- C. D. Fortnam** (Kadel) Delicate soft pink on tall straight spikes. 8 to 10 ruffled florets open at once.
(M 3—30c; 10—85c).
- Copper Lustre** (Pazderski) Rose with copper edges shading to a dark tan center with red throat mark. Heavily ruffled.
(L 2—35c; 10—\$1.30) (M 3—30c; 10—85c).
- Elizabeth the Queen** (White) This large, lovely ruffled lavender is one of the most popular glads grown. Opens 7 or 8 large florets at a time of handsome form and beautiful color.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).
- Elf** (K & M) Butterfly type. Attractive apricot with scarlet throat on yellow blotch. Frilled and of excellent texture.
(L 20c; 10—\$1.50) (M 15c; 10—\$1.10).
- Elmer's Rose** (Fischer) Nicely ruffled deep rose that does well under all conditions.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).
- Fiat Lux** (K & M) Pure golden yellow of medium shade that opens up 8 to 10 attractive florets on tall upright spikes.
(L 2—30c; 10—\$1.20) (M 2—25c; 10—80c).
- Flower Song** (K & M) Clear golden yellow. Slightly ruffled florets on tall stems.
(L 2—30c; 10—\$1.20) (M 2—20c; 10—80c).
- Firebrand** (Butt) Fine medium shade of red.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).
- Friendship** (Fischer) Soft, ruffled, delicious shade of light pink. Blooms very early and very floriferously.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—70c).
- Frou Frou** (K & M) Butterfly type. Soft violet pink with narrow white line on lower petals.
(L 20c; 10—\$1.50) (M 15c; 10—\$1.10).
- Gold** (Marshall) A new wonderful rich yellow variety that has become a sensation in its class. Strong, healthy grower.
(L 2—30c; 10—\$1.20) (M 2—25c; 10—80c).
- Green Woodpecker** (K & M) Unusual lime green with wine red throat markings. Tall upright spikes hold 10 to 12 florets open in very formal placement.
(L 35c; 10—\$2.80) (M 25c; 10—\$2.00).
- Gremlin** (Butt) Cute miniature size glad. Bright rose red with red pepper dots on a yellow throat. Fine for arrangements.
(M 3—30c; 10—85c).
- Hans Van Meegren** (Europe) clear buttercup yellow. Popular with florists.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—70c).
- Happy End** (K & M) Orange scarlet with a creamy yellow blotch on lower petals. Early flowering.
(L 2—30c; 10—\$1.20) (M 2—25c; 10—80c).
- Harrisburger** (Mille) Beautiful self-colored red without markings that opens up to seven large flowers on massive spikes. It blooms quite late in the season, so is not recommended for the far north.
(L 2—30c; 10—\$1.20) (M 3—30c; 10—80c).
- Ice Follies** (K & M) Butterfly type. Pure white with large amber white marks. Slightly ruffled.
(L 20c; 10—\$1.50) (M 15c; 10—\$1.00).
- Innocence** (Fischer) A very light rosy pink that is beautifully ruffled. Tall, easy to cut spikes make it a grand cut flower.
(L 2—35c; 10—\$1.40) (M 3—30c; 10—85c).
- Jo Wagenaar** (K & M) Brilliant deep red with narrow white line on lower petal.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).

King David (Carlson) Deep royal purple with rich red velvet throat. Very ruffled, winged and fluted florets with picotee edging.
(L 2—30c; 10—\$1.20) (M 3—30c; 10—80c)

Lady Jane (Lake) Here's a glad we like very much. Florets are clear deep cream with yellow lip petals, evenly spaced on sturdy spikes.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—70c).

Lavender and Gold (Baerman) One of the prettiest medium to small size laven- ders. Ideal for arrangements and home decoration. Tall, slender, wiry stem.
(M 3—25c; 10—70c).

Leif Erikson (K & M) An impressive large creamy white.
(L 2—30c; 10—\$1.20) (M 2—20c; 10—80c).

Little Sheba (K & M) Butterfly type. Ivory white with distinct scarlet violet blotches. An attractive color combination.
(L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

Lorelei (Howell) Gorgeous ruffled light cream with a deeper throat. One of the top-notch newer varieties.
(L 2—35c; 10—\$1.40) (M 3—30c; 10—85c).

Melodie (K & M) Butterfly type. A very delicate color combina- tion of salmon pink with orange-scarlet blotches. Very attractive and very popu- lar.
(L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

New York (Salman) Very deep rose red self. Opens eight florets on tall, husky spikes. Well proportioned.
(M 2—20c; 10—80c).

Ollie Marie (Thayer) Tall growing pinkish rose lavender of very pleasing hue and excellent growth habits.
(L 35c each; 10—\$2.80) (M 25c each; 10—\$2.00)

Orange Gold (Marshall) Brilliant true orange with a golden throat. Tall strong spikes open 5 to 7 flat ruffled florets at once.
L 2—35c; 10—\$1.40) (M 3—30c; 10—85c).

Oscar (K & M) Beautiful deep red with a peppering of cream in the throat. Plants are tall and vigorous with sturdy stems. One of the best new reds.
(L 25c; 10—\$2.00) (M 2-35c; 10—\$1.40).

Pactolus (K & M) Apricot-cream with orange-red blotches on the lower petals. Florets perfectly placed on straight stems of medium height.
(L 2—25c; 10—\$1.10).

Painted Lady (Roberts) Ruffled pink with creamy lip petals outlined in bright scarlet. A little short at times, but opens up to 10 florets and is very attractive.
(L 2—30c; 10—\$1.20) (M 3—30c; 10—80c)

Peggy White (Hallet) A grand new white that will become very popular. 7 to 9 florets open at once on a tall, stately spike. Exceptionally healthy.
(L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

Poinsettia (Weeks) Pure light spec- trum red. Slightly ruffled with six to eight florets open on a tall spike. An outstanding variety.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).

Prospector (Leffingwell) Medium deep yellow with a light orange blotch showing up prominently on the lower petals. Unusual florets are ruf- fled, fluted and pointed. Very attractive.
(L 2—30c; 10—\$1.25) (M 2—30c; 10—80c)

Purple Burma (Boewe) A very heavily textured and ruffled purple sport of Burma.
(L 2—30c; 10—\$1.20) (M 3—25c; 10—80c).

Ravel (K & M) Violet blue with a red- dish brown marking. Healthy grower producing tall, upright spikes.
(L 2—30c; 10—\$1.20) (M 3—25c; 10—80c).

Red Charm (Butt) Very popular me- dium red. Consistently makes fine spikes with up to eight well placed blooms open at once.
(L 2—25c; 10—\$1.00) (M 3—25c; 10—70c).

Regina (Palmer) Rich amber orange with a small red throat. Opens 5 to 7 large heavily textured ruffled florets on tall willowy spikes.
(L 2—35c; 10—\$1.40) (M 3—30c; 10—85c).

Rose Charm (Fischer) Beautiful me- dium rose with a clear throat. Tall, straight spikes. Very early.
(L 2—35c; 10—\$1.40) (M 3—30c; 10—85c).

Sans Souci (K & M) Rich, glowing scarlet. Florets are of heavy texture and well placed on graceful straight spikes. This new variety from Holland is one of the best reds we have ever grown.
(L 2—30c; 10—\$1.20) (M 3—30c; 10—80c)

Sheherezade (K&M) Creamy pink with a strawberry blotch in the throat. 6 to 8 large florets of heavy texture open on a tall upright stem.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—70c).

Snow Princess (Pfitzer) Favorite white. Tall, husky grower.
(L 2—25c; 10—\$1.00) (M 3—25c; 10—60c).

Spic & Span (Carlson) The most popular glad grown. this deep ruffled pink has color and growth habits hard to beat. Blue ribbon winner at shows throughout the country. (L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).

Summer Fairy (K & M) Butterfly type. Reddish salmon, deeper toward the tips, blending with a reddish maroon throat. An effective color combination. (L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

Sweet Sixteen (Fischer) Fresh-toned, light, angelic pink whose rounded, plain florets are borne on sturdy straight stalks. (L 2—30c; 10—\$1.20) (M 2—20c; 10—80c).

Uhu (K & M) Light chocolate brown with orange pencil marks in the throat. A most unusual smoky variety. (L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

Valentine (Larus) Medium deep salmon-toned orange with a darker, pinkish-salmon blotch. Florets slightly waved and fluted. (L 2—35c; 10—\$1.35).

Valeria (Pruitt) An early blooming scarlet red that has been popular for many years. (L 2—25c; 10—\$1.10) (M 3—25c; 10—75c).

Vivaldi (K & M) Butterfly type. Bright orange-scarlet with deeper scarlet markings. (L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

White Charm (Thayer) Beautifully ruffled pure white. Sturdy stalks support the outstanding florets. (L 35c; 10—\$2.80) (M 25c; 10—\$2.00).

Wild Rose (Fischer) Sparkling clear rose with a snow white throat. Opens 7 or 8 well placed florets on tall, graceful spikes. (L 2—35c; 10—\$1.40) (M 3—30c; 10—85c).

Yellow Herald (Pfitzer) Lightly ruffled yellow with carmine throat lines. A very reliable and pleasing variety. (L 2—25c; 10—\$1.10) (M 3—25c; 10—70c).

Zigeunerliebe (Gypsy Love) (K & M) Butterfly type. Very popular color combination of salmon orange with blood red markings. (L 20c; 10—\$1.50) (M 15c; 10—\$1.10).

Exhibition Mixed A fine assortment of mixed colors. (L 10—90c; 25—\$1.75; 100—\$6.50). (M 10—55c; 25—\$1.10; 100—\$4.25).



LONG'S FLOWER SEEDS

ASTERS



All Asters, except Powderpuffs, uniformly priced at: Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.10.

Powderpuffs An exciting new development in Aster culture. Plants grow about 24 inches high with as many as 20 blooms on a single plant. Characteristic upright growth habit permits the entire plant to be cut as one bunch. Very early. Pkt. 25c.

Boulderado Beauty

The flowers are immense, fully double, on long straight stems.

Shell Pink	White	Mixed
Purple	Rose	

Princess Flowers three inches in diameter have crested center that remains full when flower is completely open, surrounded by multiple rows of guard petals. Plants tall and branching.

Peach	Yellow	Blue
Rose	Crimson	Mixed

Ostrich Feather Large blooms. twisted. A bouquet resembles ostrich plumes. Petals curved and

White	Pink	Purple
Deep Rose	Blue	Mixed

California Giants Strong stems, heavy substance, long graceful petals curled and twisted like a chrysanthemum. Real Giants. flowers large,

White	Rose Pink	Mixed
Lavender	Purple	

Los Angeles Lovely shell pink. The mammoth fluffy flowers are deep and full centered.

El Monte Similar to Los Angeles, but deep glowing crimson.

LONG'S Super-Mixed Asters

A "Long-Season" mixture of all types and colors, early, medium, and late.

ACROCLINIUM "Everlasting Flower"



NEW LARGE- FLOWERED HYBRIDS

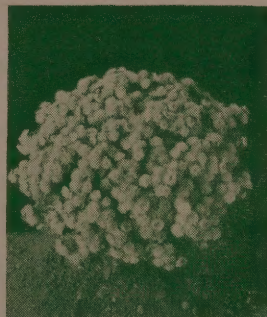
Showy annuals. Easy to grow. Can be dried for winter. Pastel mixture. Largely double. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

AGERATUM (Annual)

BLUE BALL. Deep rich blue. Pkt. 10c.

BLUE CAP. Very dwarf. Bright blue. Pkt. 15c.

DWARF WHITE. About 8 inches. Pkt. 10c.



Anchusa (Italica Dropmore.) Perennial. Tall. Sky-blue. Pkt. 15c; ¼ oz. 35c.

Anchusa (Blue Bird.) Annual. Pkt. 15c; ¼ oz. 30c.



BACHELORS BUTTON (CENTAUREA CYANUS)

Prices: Any color, or Mixed. Pkt. 15c; ¼ oz. 45c; ½ oz. 80c.

BLUE BOY. Rich blue. Fine for cutting.

BLACK BOY. Large blackish maroon.

PINKIE. Deep pink. Keeps well cut.

RED BOY. Deep red. Oh, Boy!

SNOW MAN. "What's in a name?" White.

MANY COLORS MIXED. Super fine.

Jubilee Gem Compact plants. Double blue flowers. Pkt. 20c.

Baby Blue Eyes (Nemophila.) Fast growing, early blooming annual. 6 to 8-inch plants bear lovely cup-shaped, sky-blue flowers. Pkt. 10c.

Balsam (LADYSLIPPER.) Grows quickly from seed. Brilliant flowers. Also called "Touch-Me-Not."
DOUBLE MIXED. Pkt. 10c; ¼ oz. 35c.

SWEET ALYSSUM

Rosie O' Day 1961 All-America winner whose deep rose color is new to alyssum. The low, easily grown plants stay covered with blooms until frost. Pkt. 50c.

Royal Carpet An All-America medal winner. Its spreading, carpet-like growth makes a luxuriant patch of color in the garden. Pkt. 25c.

"BASKET OF GOLD." (Perennial.) Golden yellow, 9 to 12 in. Pkt. 10c; ¼ oz. 40c.

"CARPET OF SNOW." Only 3 inches high. Each plant spreads out like a pancake. Pkt. 10c; ¼ oz. 40c.

"VIOLET QUEEN." Pkt. 15c; ¼ oz. 45c.

Bells of Ireland An odd and interesting annual, popular for use in flower arrangements. May be used fresh or dried for winter. Pkt. 20c.

"Butterfly Flower"

Schizanthus Grandiflora Mixture. Pkt. 15c.

CALIFORNIA POPPIES

Brilliant Mixture

Best Kinds. Grand.
Pkt. 10c; ¼ oz. 25c.

Golden West

Orange. Single. Lovely.
Pkt. 10c; ½ oz. 25c.



Calliopsis Showy flowers. Best colors, mixed. Pkt. 10c; ½ oz. 30c.

Candytuft FINE MIXTURE. Pkt. 10c; ½ oz. 35c.

GIANT HYACINTH-FLOWERED CANDYTUFT. Pure white. Pkt. 10c; ¼ oz. 25c.

Calendulas

Campfire Double orange. Scarlet sheen. Pkt. 15c; ½ oz. 40c

Persimmon Beauty True orange. Pkt. 10c; ½ oz. 30c.

Apricot Beauty Double Apricot. Pkt. 10c; ½ oz. 25c.

Lemon Queen Double lemon. Pkt. 10c; ½ oz. 25c.

Masterpiece Large deep orange, brown center. Extra long stem. Pkt. 15c; ½ oz. 40c.

Cream Beauty Double cream. Pkt. 10c; ½ oz. 25c.

Orange King Florist's Giant Strain. Pkt. 15c; ½ oz. 40c.

COLLECTION

1 Pkt. each above seven varieties of Calendulas, value 85c, postpaid for..... **70c**

FINEST MIXED CALENDULAS. Grand mixture of types and colors. Pkt. 10c; oz. 30c.

COLUMBINE

Columbine-McKana Giant

The All-America winner, sporting an exquisite array of colors on tall, bushy, strong plants with long spurs and sturdy stems. This outstanding strain is the culmination of 36 years work by G. E. McKana. Pkt. 35c.

Columbine--Rocky Mountain

The State Flower of Colorado. Hardy perennial; sepals blue, petals white. Does best in partial shade. Plant early. Pkt. 15c; ½ oz. 60c.

Columbine--Rainbow Blend

An unsurpassed strain in habit, vigor of growth, length of spur and size of flower. Brilliant colors. Pkt. 25c; ½ oz. 70c.

CLARKIA

Charming annual. Bushy plants 20 inches tall bear double flowers, resemble small carnations. Very pleasing for table bouquets. Buds will open after cutting, and last for days in vase. Many colors mixed. Pkt. 15c; ¼ oz. 40c; ½ oz. 75c.

Canterbury Bells



Biennial "Cup and Saucer" Type

DARK BLUE	ROSE
LIGHT BLUE	WHITE

Prices: Any color or all mixed, Pkt. 15c.

CELOSIA

Toreador All-America cockscomb. Dwarf plants 18 inches high with fluffy brilliant scarlet combs. Good cut flower. Can also be cut and dried to use later. Pkt. 35c.

Pampas Plume A quick growing cutflower. Giant plumes of mixed hues. Pkt. 20c.

Cathedral Bells (Cobaea Scandens) Rapid, attractive climber. Lovely lilac bell flowers. Pkt. 10c.

Chinese Forget-Me-Not

Rich blue. Blooms from seed in short time. Pkt. 10c; ½ oz. 30c.

Crested Coxcomb Dwarf plants with bright red combs of immense size. Pkt. 10c.

Pinks (DIANTHUS.) Hardy sweet scented annuals. Finest of all pinks. Great variety of colors. Pkt. 10c.

Evening Scented Stock Beautiful lilac flowers, emitting a delightful perfume in the evening. The seed pods have two "horns." Pkt. 10c; 1/2 oz. 25c.

Scarlet Flax (LINUM.) Bright red Annual. Pkt. 15c; 1/2 oz. 50c.

Blue Flax (Perennial.) About 2 feet high. Has dainty sky-blue flowers on graceful stems, in great profusion, over a long period. Pkt. 15c; 1/4 oz. 25c.

Fox Glove Tall perennial with spikes of vari-colored and spotted tube-like flowers. Pkt. 10c.

Gaillardia Portola Hybrids. Shades of bronzy-red, golden tipped. Very robust. Pkt. 10c.

Hardy Carnation



Chabaud's Giants The new strain. Plants thick-set; bearing large double blossoms. COLORS: Red, Rose-pink, White. Separate colors: Pkt. 15c; 2 pkts. 25c; Mixed colors: pkt. 10c.

MARGUERITE. Double fringed flowers. fragrant. Mixed colors. Pkt. 10c; 1/8 oz. 25c.

Colorful Cosmos



Fiesta Brilliant flowers, gold striped scarlet. New All-America selection. Pkt. 25c.

Sensation Radiance Striking new color combination. Deep rose petals overlaid with zone of rich crimson. Top award winner. Pkt. 25c.

Sensation Pinkie A giant rose-pink. An early bloomer. Long strong stems. Pkt. 15c; 1/4 oz. 25c.

Sensation Purity A colossal white similar to Pinkie except for color. Pkt. 15c; 1/4 oz. 25c.

Sensation Crimson A new color in the super-size Cosmos. Pkt. 15c; 1/4 oz. 25c.

Sensation Mixed Splendid. Pkt. 10c; 1/2 oz. 40c.

Orange Flare Early deep vivid orange. Pkt. 10c; 1/4 oz. 25c.

Special Collection

1 pkt. each, Radiance, Pinkie, Purity, Crimson Sensation, Orange Flare.....

60c

"Forget-Me-Not" Hardy perennial. Blooms first year. Color blue. Pkt. 10c.

Four o'Clock Good old-fashioned easy-to-raise flowers. Mixed colors. Pkt. 10c; oz. 40c.

DELIGHTFUL DELPHINIUMS

Sow outdoors early in spring. Plants live over winter, increase in size and vigor.

The forms are as varied as the colors, many blossoms with a double set of petals, the two sets often different in color.

Pacific Giants Mixed

Huge flowers beautifully spaced on well branched spike. Thin woody stems. Practically all double. Mildew resistant to a large degree. Doubtless the most spectacular strain to date. Mixed colors, in charming variety. Pkt. 25c; $\frac{1}{8}$ oz. \$1.25.

Pacific Giants in Colors

Black Knight Series Tall graceful spikes in varying shades of deep blue to violet. Pkt. 35c.

Blue Bird Series Medium blue, white bee. Pkt. 35c.

Galahad Series Giant glistening white with white bee. Large symmetrical spikes. Pkt. 35c.

King Arthur Series Royal violet, white bee. Pkt. 35c.

Summer Skies Series Large tapering spikes of clear light blue with white bee. Pkt. 35c.

GODETIA

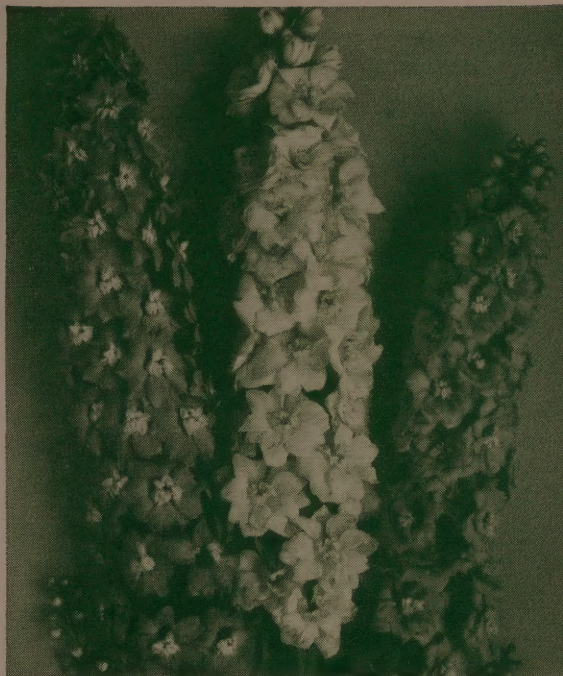
ANNUALS. SOW OUTDOORS

Dwarf Double Sow same as asters. Thin to foot apart. Each plant makes a bush about a foot high. Lovely colors mixed. Pkt. 15c.

Tall Double Brilliant flowers are attached along the stem and open from bottom to tip of stem, something like the Gladiolus. Can be cut in bud. Choice Mixed. Pkt. 10c.

Geum (Mrs. Bradshaw.) Perennial. Double orange-scarlet flower. Pkt. 10c.

Geum (Lady Stratheden.) Flowers golden yellow. Pkt. 10c.



Belladonna Turquoise - blue, single flowers. Pkt. 15c.

Bellamosum Like Belladonna, but rich deep blue. Pkt. 15c.

Gloriosa Double Daisies

1961 All-America winner. Big, round, golden yellow flowers resembling chrysanthemums. These spectacular flowers bloom profusely and are excellent for cut flowers with their long, straight stems. An easy to grow perennial that will bloom this year as well as next. Plants grow to an average 3 ft. in height. Pkt. 50c.

African Daisies (Annual)

GOLDEN AFRICAN. Orange-gold with black zone around center. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Painted Daisies (Annual)

These Painted Daisies (Single Annual Chrysanthemums) are splendid for cutting. **ALL COLORS MIXED.** Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Shasta Daisy White perennial. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

DIANTHUS Bravo

This 1962 All-America winner brings a new, dazzling scarlet red color to annual dianthus. The compact 8-inch high plants produce a steady supply of brilliant flowers from late summer to frost. Very showy and fine for edging.

Packet 50 cents

Small Gourds

PRICES: All Gourds at Pkt. 10c; oz. 50c.

SMALL MIXED. All shapes and colors.

Large Gourds

LARGE MIXED. Variety of large sorts.

LARGE AND SMALL MIXED. All sizes, shapes and colors.

Double Hollyhocks

Plant April to June. Bloom second year.

*COLORADO SUNSET	MAROON
LILAC BEAUTY	RED
NEWPORT PINK	WHITE
	YELLOW

*"Colorado Sunset." A creamy-copper blend. Prices: Any color or mixed. Pkt. 10c; 3 Pkts. 25c; ¼ oz. 60c.



Annual Hollyhock

Indian Spring A new true annual Hollyhock. The semi-double blooms range from pale pink to crimson-rose. Mixed. Pkt. 15c; 2 pkts. 25c.

Gypsophila (Baby's Breath)

Graceful plants with tiny fairy-like flowers. For combining with sweet peas, etc.

ANNUAL WHITE. Sow this every few weeks for constant supply. Pkt. 10c; ¼ oz. 25c.

ANNUAL PINK. Same as above, but dainty pink. Pkt. 15c.

PERENNIAL WHITE DOUBLE. About one-fourth come double flowers. Balance may be pulled out if not desired. The kind for drying for winter use. Pkt. 30c; 2 Pkts. 50c.

Annual Larkspurs Regal Strain



Since their introduction a few years ago, Regal Strain Larkspurs have proven far superior to earlier ones. The long spikes have huge, well-spaced Delphinium-like florets and are basal branching. Vigorous and early. Available in the following colors: Dark Blue, Rose, Lilac, Salmon Rose, Pink, White, Mixed. Pkt. 20c; ¼ oz. 50c; ½ oz. 90c.

Love-In-A-Mist (Nigella.) Rich blue double flowers amid feathery foliage. Pkt. 10c.

Mignonette SPECIAL MIXTURE. Fine. Pkt. 5c; ½ oz. 25c.

LONG'S "Hit or Miss" A "Surprise" mixture of many kinds flower seeds—as one customer said, "It's all hit and no miss"—something new nearly every day after it begins to bloom. Makes a hit with all who try it. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.

Iceland Poppies



Gartford Giants Most outstanding Iceland Poppy to date. Yellow, orange, pink, salmon, rose, red, and pastel shades, hues of apricot, buff, etc.

Flowers beautifully frilled and fluted, many semi-double, and all very large. Pkt. 20c; $\frac{1}{8}$ oz. 70c.

"Pastel Shades" Special mixture. Very lovely. Pkt. 20c; $\frac{1}{8}$ oz. 80c.

The Emperor Deep orange, distinct in color from others. Large. Pkt. 15c; $\frac{1}{8}$ oz. 60c.

Sanford's Giants A grand giant strain. Strong stems, giant blooms. Many lovely shades and tints, mixed. Pkt. 15c; $\frac{1}{8}$ oz. 70c.

Coonara Pink Shades of pink, salmon and apricot. Pkt. 15c; $\frac{1}{8}$ oz. 60c.

Iceland Poppy Collection

One Pkt. Each Above 5 Kinds 60c.

Morning Glories



Mammoth "Heavenly Blue"

The most popular giant Morning Glory. Clarke's Early Strain, developed at Denver, is the kind we offer. It's immense. And beautiful. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c.

Mammoth "Cornell"

Color, red with white border, the colors of Cornell University—good old Cornell! Pkt. 15c; $\frac{1}{4}$ oz. 35c; $\frac{1}{2}$ oz. 60c.

Crimson Rambler White throat. Free bloomer. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

Mammoth "Scarlet O'Hara"

The large flowers are freely produced on fast growing vines. Pkt. 10c; $\frac{1}{2}$ oz. 60c.

Mammoth "Pearly Gates"

"Something NEW Has Been Added" Shining all-white Enormous flowers. Pkt. 15c.

Double "Rose Marie"

Deep rose Morning Glory of medium size. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

"Patriotic Mixture"

Heavenly Blue, Scarlet O'Hara and Pearly Gates mixed. Large Pkt. 25c.

Linaria Fairy Bouquet. Very quick to bloom. Lovely mixture. Pkt. 15c.



Gigantic Tall Double Marigolds

Crackerjack The earliest and best giant flowered Marigold. Flowers are uniformly double of the ball type, averaging 4 to 5 inches in diameter. Color ranges from yellow through primrose, gold and orange. Compact plants average 3 feet in height.
Pkt. 25c; $\frac{1}{4}$ oz. 85c; $\frac{1}{2}$ oz. \$1.50.

Early Sunset Giants Large peony-flowered blooms in orange, gold, canary, lemon and primrose.
Pkt. 15c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 90c.

Crown of Gold Medium size. Odorless
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Guinea Gold Orange. Carnation-flowered. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Yellow Supreme An old favorite.
Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Gold Medal Blend Many new kinds "ALL-IN-ONE" mixture. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

Marigolds as cut flowers. Few flowers keep longer after being cut. For days and days Marigold blooms look as fresh as though in the garden. Change water often.

Chrysanthemum Flowered Marigolds

Orange Mum Lovely orange.

Golden Mum Golden yellow.

Mission Mixed Shades of orange and gold.

"Marigold-Mum" Lemon-yellow. Very fine.

PRICES: Any the above 4 Chrysanthemum flowered kinds: Pkt. 15c; $\frac{1}{4}$ oz. 60c.

Dwarf Marigolds

Dwarf "Pot O' Gold" Bushy plants about 14 in. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Naughty Marietta Golden single flowers, maroon at base. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Gypsy Jewels Variegated yellow gold and mahogany. Pkt. 15c; $\frac{1}{4}$ oz. 40c.

New Petite Strain

Early, compact, extremely floriferous plants. Pkt. 20c; $\frac{1}{4}$ oz. 80c.

PETITE GOLD. Clear, golden yellow.

PETITE HARMONY. Mahogany and gold bicolor.

PETITE ORANGE. Showy bright orange.

PETITE SPRY. Golden yellow; maroon collar.

PETITE YELLOW. Clear, strong yellow.

PETITE MIXED. Each of the above colors blended in a balanced mixture.



Plant Markers

Proper labeling enhances the beauty and value of any garden. After extensive testing, we are pleased to offer two types of markers for this purpose.

MARKITS (illustrated) are made of moulded, durable plastic 5" high and 2 square inches of writing space. Green color only.

PERMARKERS (illustrated) are made of a durable plastic label, $2\frac{3}{4}$ " x $1\frac{1}{2}$ ", firmly attached to a 14" non-corrosive heavy gauge wire stake. Though securely held, the labels can be easily removed for writing and storage.

The writing surfaces are ample and silky smooth; easy to write on with ordinary lead pencil, which remains indefinitely, yet can be erased for re-use. The labels are a harmonious grey-green color, held at an easy-to-read angle that prevents spattering with mud. We can also furnish orange color labels instead of green for **PERMARKERS**. Only green color is available for **MARKITS**.

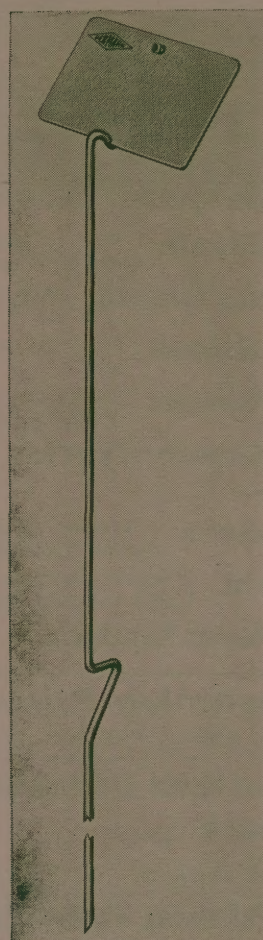


MARKITS

MARKITS

Postpaid MARKITS prices are:

25 MARKITS	\$1.50
100 MARKITS	5.50



PERMARKERS

Postpaid PERMARKERS prices are:

10 PERMARKERS	\$ 1.80
25 PERMARKERS	4.20
100 PERMARKERS	15.30
10 Labels only (no supports)	.85
25 Labels only (no supports)	1.90
100 Labels only (no supports)	6.30

Nasturtiums



- Golden Gleam** The original sweet scented Nasturtium.
- Mahogany Gleam** Dark Mahogany red.
- Salmon Gleam** A lovely golden salmon.
- Scarlet Gleam** Immense blossoms of orange scarlet.
- Double Gleam Hybrids** A grand and glorious mixture.
- Golden Gem** A golden yellow. Plants dwarf. Double.
- Ruby Gem** Dwarf, compact plants. Large double flowers.
- Double Gem Mixture** Sweet-scented.

Nasturtium Prices

Any of the Above: Pkt. 10c; oz. 35c.

Nasturtium Collections

- 1 Pkt. each** above..... **60c**
- 1/2 oz. each** above..... **\$1.25**

Nasturtiums, Tall--Single

Mixed. Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c.

Nasturtiums, Dwarf--Single

Mixed. Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c.

Super Pansies



Pansy prices: All kinds (except Colorado Sensation) at: Pkt. 25c; 1/16 oz. \$1.00; 1/8 oz. \$1.80; 1/4 oz. \$3.40; 1/2 oz. \$6.00; oz. \$10.00.

Mammoth Swiss Giants A superior strain of Swiss Giants featuring more compact foliage, larger flowers and better color range than the usual Swiss Giants.

- Swiss Giants** in Separate Colors
- THUNDERSEA.** Rich medium blue, dark center.
- ALPENGLOW.** Rich wine-red shades.
- CORONATION GOLD.** Flowers pure golden yellow.
- SWISS PURE WHITE.** Best pure white.
- BERNA.** Velvet purple.

Mile High Super Giants An outstanding strain, developed in Colorado, that produces extra large blooms. Excellent range of colors with large compact foliage.

Mile High Super Giant Yellow
Extra large yellow with dark center.

COLORADO SENSATION

Developed by Frank Giller, one of the nation's leading pansy hybridizers, this new strain features a sensational color range including gorgeous shades of red, pastels and fascinating shaded colorings. This is a compact, broadleaf strain with an abundance of extra large blooms that are ruffled and stand erect on good strong stems.

Packet, 50c; larger trade packet, \$1.00; 1/8 oz. \$2.00; 1/4 oz. \$3.50; 1 oz. \$12.00.

J. D. Long See
Bo

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STREET _____
P. O. BOX _____
CITY _____
STATE _____

FOLD ON THIS LINE SECOND

TERMS: Cash with order, please

SHALL WE SUBSTITUTE: If cannot supply kind ordered, shall we send another, of equal or greater value?



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Please write Plainly

19

Express Office

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STAMP
HERE

FOLD ON THIS LINE FIRST

J. D. LONG SEED COMPANY



Annual Scabiosas



"Blue Moon" The very large well-formed double flowers are composed entirely of broad, frilly petals. Tall upright plants, very long heavy, wiry stems. Fine for cutting. Pkt. 20c.

Loveliness Shades of rose and salmon. Pkt. 15c; ¼ oz. 50c.

Rosette Giant deep rose. Pkt. 15c; ¼ oz. 50c.

Silver Moon Pure paper white. Pkt. 15c; ¼ oz. 50c.

Salmon Beauty Huge. SALMON. Pkt. 15c. ¼ oz. 60c.

Giant Hybrids Giant flowers, mixed. Pkt. 10c; ¼ oz. 40c.

STATICE (Sea Lavender)

Latifolia. Airy light blue. Known also as lavender Baby's Breath. Fine for combining with other flowers, especially with Glads. Pkt. 10c; ⅛ oz. 35c.

Salpiglossis (VELVET TRUMPET.) Mixed colors. Pkt. 10c.

Salvia (SCARLET SAGE.) Fiery red spikes. Pkt. 15c.

Hardy Perennial Blue Salvia

Dark blue. Blooms first year if seeds sown early. Pkt. 20c.

ROYAL SWEET SULTANS

(Centaurea Imperialis)

Finest of all Sweet Sultans for cut flower purposes. Charming for garden also.

Seed may be sown in the open garden after ground warms up, but longer season of bloom will be enjoyed if plants are started indoors.

Mixed colors: Pkt. 10c; ¼ oz. 30c.

'Chrysanthemum - Sunflower'

Rich golden yellow flowers, 5 to 8 inches, fully double, that rival gorgeous dahlias in size and splendor. Petals beautifully quilled.

Many branches, each carrying a gorgeous golden flower. Pkt. 10c.

Super Giant RUST-PROOF

Snapdragons



ALASKA. New white. Pkt. 15c.

CANARY BIRD. Yellow. Pkt. 15c.

LOVELINESS. Rose pink. Pkt. 15c.

BONFIRE. Rich scarlet. Pkt. 15c.

COPPER SHADES. Many shades from copper-orange to coppery-gold. Pkt. 15c.

PINK SHADES. Pure shade of pink. Pkt. 15c.

SUPER GIANT MIXED. Rustproof. Pkt. 15c.

Collection One Pkt. each above Snapdragons for 75c.

Hybrid Snapdragons—Page 19

SUPERB PETUNIAS

F1 HYBRIDS

Coral Satin 1961 All-America winner. Coral-rose flowers 2 to 2½ inches in diameter cover the compact plants for a profusion of bloom. Has all the fine growth characteristics of Red Satin. Pkt. of 100 seeds 50c.

Glitters All-America winner. The first and only scarlet and white bicolor. A true hybrid very uniform in the desirable dwarf, compact bedding type. Covers itself with striking two-inch blooms from early spring to killing frosts. Pkt. of 100 seeds 50c.

Maytime All-America winner. This new hybrid petunia of the grandiflora type is wonderful for both bedding and cutting purposes. The fringed light salmon pink flowers are a new and appealing color, and they are free-flowering over the 12-inch plants which are compact but even wider across. Pkt. of 100 seeds 50c.

Prima Donna Bright rose pink All-America hybrid. Vigorous compact plants. Long lasting. Pkt. of 100 seeds 40c.

Red Satin This All-American displays incredibly vivid and shining scarlet-red flowers. Heat and sunshine fail to fade the color and difficult growing conditions do not keep the hybrid multiflora plants from blooming freely. The plants attain a 10 to 12 inch globe-shaped form and then maintain that size and character right through the season, making a perfect vehicle for the profusion of 2½ to 3 inch blooms. Pkt. of 100 seeds 50c.

Ballet Comprehensive mixture containing all the F1 Hybrid Grandiflora creations. Pkt. of 100 seeds 50c.

Pow Wow Carefully blended mixture of all the Multiflora F1 Hybrids. Pkt. of 100 seeds 50c.

Double Glorious Mixture All F1 Hybrid Petunias require such exacting care to produce that they are worth many times their weight in gold or platinum. Most valuable of all are these fully double types. Pkt. of 100 seeds \$1.00.

LOVELY ANNUAL POPPIES

AMERICAN LEGION. Dazzling orange-scarlet; very large. An improved "Flanders." Pkt. 10c; ¼ oz. 25c; ½ oz. 40c.

SHIRLEY. Single. Mixed. Pkt. 10c; ¼ oz. 25c.

DOUBLE SHIRLEY ROSE. Pkt. 10c.

DOUBLE SHIRLEY MIXED. Pink, lavender, purple, crimson, etc. Pkt. 10c; ¼ oz. 30c.

Oriental Perennial Poppies

ORIENTALE. Bright orange-scarlet with purplish black center. Pkt. 15c; ⅛ oz. 25c.

CHOICEST MIXED. Fiery red, scarlet, crimson, orange-scarlet, salmon. Pkt. 20c.

Standard Petunias

Howard's Star Dark velvety purple, blotched with white. Pkt. 15c.

Fire Chief Brilliant beautiful red. Plants compact, about one foot high, bearing flowers profusely. Pkt. 20c.

Lipstick Lovely carmine rose, shaded salmon. Pkt. 20c.

Rosy Morn Soft rose-pink, light throat. Pkt. 15c.

Rose of Heaven Similar to Rosy Morn. Deeper pink. Pkt. 15c.

Snowball Lovely, pure, satiny white blossoms. Similar in growth habit to Rosy Morn or Fire Chief. Pkt. 15c.

Violet Petunia Beautiful deep violet. Pkt. 15c.

Choice Mixed Splendid mixture. A stunning array of colors. Pkt. 15c; ⅛ oz. 30c; ½ oz. 50c.

Balcony Petunias

Mixed colors: Pkt. 15c; 2 for 25c.

Giants of California

Wonderful colors and markings! Some delightfully ruffled and frilled. Pkt. 40c.

New ALL-AMERICA SNAPDRAGONS

Developed by Pan-American Seed Co., our neighbors in western Colorado, these 1960 All-America award winning Rocket snapdragons bring breathless beauty to the garden. The reliability and endurance of these fine hybrids has been demonstrated in trial gardens across the country, and their superiority over standard varieties is as marked as that of the F1 petunias over open pollinated strains.

Since these are true F1 hybrids, the slow, painstaking, meticulous hand pollination required in their production makes the seed, as with petunias, very expensive — worth many times its weight in gold. Extra special care in planting will safeguard your investment. We have this new strain of Rocket Hybrid Snapdragons available in packets of 150 seeds for 50c in the following colors:



Bronze Rocket Shades of autumn gold and suffused pink that add warmth to any garden.

Golden Rocket Beautiful brilliant yellow.

Orchid Rocket Graceful spikes in orchid pink.

Red Rocket Deep red florets on handsome spikes.

Rose Rocket Delightful soft rose.

White Rocket Pleasing clearness and clarity.

Rocket Mixed All the colors of the new Rocket series in a pleasing blend.

Portulaca (ROSE MOSS.) SINGLE MIXED. Pkt. 10c; 1/8 oz. 25c.

Portulaca FINE DOUBLE MIXED. Pkt. 15c.

Novelty Portulaca -- JEWEL

Extremely large glowing rich crimson. Pkt. 15c.

ANNUAL PHLOX

Twinkle All-America winner. The dwarf, compact 6 inch plants are covered with a mass of star-shaped bi-colored flowers in large umbels of bloom. Colors are nicely balanced, with a good percentage of salmon, rose and pink shades that are seldom seen in the tall star phlox. Excellent for edging and bedding. May be sown directly in its permanent location. Pkt. 25c.

Dwarf Compact Mixed

Symmetrical, dwarf, compact plants about 6 inches tall in a pleasing variety of colors. Pkt. 20c.

Art Shades Blossoms very large, up to 1½ inches, are produced on strong trusses of bushy plants. Grand range of pastel colors—salmon, apple blossom, rose, light blue, and other art shades. Pkt. 25c.

Grandiflora Many lovely colors Mixed. Pkt. 15c.

TITHONIA "Torch"



All-America winner "Torch" makes a hit wherever grown. Brilliant orange-scarlet flowers are borne on long stout stems of a compact waist high plant. Cut flowers will last several days. Culture directions: same as for zinnias. Pkt. 20c.

'Straw Flowers'

(Helichrysum.) Very ornamental in garden, easily grown from seed sown outdoors. Particularly valuable for winter bouquets.

Important: Cut the flowers when partly open. Hang them up dry in dark place.

FINEST MIXED. Strong double flowers in shades of white, yellow, pink, rose, carmine, salmon, scarlet and violet. Pkt. 15c; 1/4 oz. 50c; 1/2 oz. 90c.

Seeds for Rock Gardens

Rock Garden Seeds. Annuals, in mixed varieties and colors. Pkt. 10c.

Rock Garden Seeds. Perennials, in mixed varieties and colors. Pkt. 20c.

Vivid Verbenas

ROSELIGHT. Rose with white eye.

FIRELIGHT. Solid red without any eye.

STARLIGHT. Blue with cream eye.

SNOW WHITE. Pleasing pure white.

PRICES: Any above 4 kinds: Pkt. 15c.

GIANT MIXED. Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 90c.

Sweet Williams



SINGLE MIXED. Pkt. 10c; 1/4 oz. 30c.

DOUBLE MIXED. (Not all double.) Pkt. 15c; 1/4 oz. 60c.

Stocks

"Cut and come again" fragrant annual. Profuse bloomer.

DWARF LARGE TEN WEEKS STOCKS.

BLOOD RED

PEACH BLOSSOM

CARMINE PINK

WHITE

LAVENDER

MIXED COLORS

Your choice any color or mixed. Pkt. 10c.

Giant Flowered Spencer SWEET PEAS

PRICES. All
Sweet Peas... **Pkt. 10c**

Ounce 30c; 2 Oz. 55c; 4 Oz. \$1.00.
(Not less than Oz. of a kind at Oz. prices)

BLACK DIAMOND. Dark maroon.
CHARMING. Large rosy cerise.
ECSTASY. Blush pink.
FLAGSHIP. True clear deep navy-blue.
FLUFFY RUFFLES. Dainty cream-pink.
Wonderfully frilled and ruffled.
GIGANTIC. Grand mammoth white.
GRAND SLAM. Large cerise-scarlet.
HEAVENLY BLUE. Delphinium-blue.
HIGHLANDER. Lavender.
MRS. A. SEARLES. Bright salmon cerise.
MRS. R. BOLTON. Deep almond pink.
PINKIE. Rich rose-pink.
PRINCE OF ORANGE. Golden orange.
RED BOY. Deep crimson.
WELCOME. Bright dazzling scarlet.

Cuthbertson Spencers

These fine late Spencer types are very popular for summer blooming because of their heat resistant qualities. Will do better than regular Spencers in hot weather. They are large size, delicately waved and scented, and produce three or four flowers on each stem. Pkt. 10c; oz. 30c.

For best results, Sweet Peas thrive in an open, sunny location where the weather stays moderately cool. Plant in the early spring in ground enriched with organic material. Compost or well-rotted manure worked into the soil will bring best performance. After working over the soil, make a small trench about 3 inches deep. Plant seeds an inch or so apart (one ounce should plant 15 or 20 feet of row) and cover not over an inch deep. As the plants grow, cultivation will fill in the rest of the trench. If plenty of compost or rotted manure available, use it as a mulch around the plants to keep the soil temperature more nearly even. Water thoroughly once a week. Treat seeds with Nitragin Bacteria before planting.



"Early Bird Spencers"

They bloom extra early. Large blossoms.
BLUE BOY. Large dark blue.
HARMONY. Clear lavender.
MAJESTIC ROSE. Giant rose-pink.
RED GIANT. Dazzling crimson-scarlet.
SHIRLEY TEMPLE. Soft rose-pink.
SNOWSTORM. Best early White Spencer.
"EARLY BIRD" MIXED. Pkt. 10c; Oz. 30c.

"Lovely 'Leven" Spencers

'Leven Packets Lovely Spencers, 75c.
For "good measure" an extra "surprise packet", all for 75c. (Our selection of kinds.)
Just say, "Lovely 'Leven" for 75c.
Larger lots "Lovely 'Leven." Half ounce each of these 'leven Spencers, with one "surprise packet" extra, for good luck for \$1.50.

"33-in-1" Spencer Mixture
Pkt. 10c; Oz. 30c; ¼ Lb. 90c.

NITRAGIN BACTERIA

Tends to improve germination, growth and production of Peas, Beans and Corn. Is much used to treat Sweet Peas before planting. Directions on package. One package will treat up to 4 pounds of seed. Pkg. 25c, prepaid.

ZINNIAS

All Zinnias on This Page, Pkt. 15c

Dahlia-Flowered Zinnias

CANARY BIRD. Immense primrose.
CRIMSON MONARCH. Gigantic red.
DREAM. Deep lavender, turning purple.
EXQUISITE. Light rose, center deeper.
GOLDEN DAWN. Golden-yellow on brown.
ORIOLE. Orange and gold bicolor.
POLAR BEAR. Pure white. Very large.
SCARLET FLAME. Bright scarlet-orange.
MIXED DAHLIA-FLOWERED. Above mixed.

LONG'S Mammoth Zinnias

(Also called California Giants)

BRIGHTNESS. Bright pink, lovely.
LAVENDER GEM. Deep lavender.
ORANGE QUEEN. Golden orange.
PURITY. Biggest white.
SALMON QUEEN. Salmon-rose.
SCARLET GLOW. Deep scarlet.
MIXED MAMMOTH. Above, mixed.

Darling Cupid Zinnias



Compact plants about 1 ft. tall. Double flowers, about 1 in. Very floriferous.

CUPID MIXTURE. All colors, mixed.

Lilliput (Pompon) Zinnias

Small, compact flowers on strong stems. Fine for cutting. Keep long time.

CANARY YELLOW. Fine for cutting.
RED RIDING HOOD. Bright scarlet.
SALMON-ROSE. Loveliest of all.
ROSEBUD. Bodger's rose-pink.
VALENCIA. A real deep burnt orange.
WHITE GEM. Best white Lilliput.
MIXED LILLIPUTS. Above, mixed.



Lilliput Pastel Shades

Apricot, peach, creamy yellow salmon, rose, orchid, mixed. Pkt. 15c; 1/4 oz. 35c; 1/2 oz. 60c.

Red Zinnia -- "Will Rogers"

A fine giant scarlet-red of unusual brilliance in the popular Dahlia-flowered giant type. Pkt. 15c; 1/4 oz. 40c; 1/2 oz. 75c.

Fantasy Zinnia -- "Wild Fire"

Vivid "Ragged-Red." Brightens up the garden like nobody's business! Pkt. 15c; 1/4 oz. 45c.

Fantastic "Fantasy" Zinnias

Fantasy is a happy-go-lucky, shaggy type. Mixed colors. Pkt. 15c; 1/4 oz. 35c.

Zinnias Priced by Weight

	1/4 oz.	1/2 oz.	1 oz.
DAHLIA FLOWERED ..	\$0.40	\$0.70	\$1.20
LONG'S MAMMOTH ...	.40	.70	1.20
LILLIPUTS	.35	.60	1.00
CUPIDS	.40	.75	1.30

ZINNIA PERSIAN CARPET



Zinnia Persian Carpet

(ALL-AMERICA WINNER). Fully double, ball-shaped flowers of the miniature type in a sparkling range of variegated color combinations with many rich shades as well as gold, bronze and orange. Pkt. 25c.

Giant Cactus Flowered Burpee Hybrids

BLAZE. Brilliant mandarin-red, changing to scarlet-orange as the flowers attain size. All-America winner. Pkt. 35c.

VARIED MIXTURE of large cactus or chrysanthemum flowered type with gorgeous range of colors and color combinations. Pkt. 25c; 1/4 oz. 55c; 1/2 oz. 95c; oz. \$1.75.

Peppermint Stick Zinnia

MEDIUM-SIZED robust plants bearing flowers striped in various entrancing color combinations. Approximately 70% striped. Pkt. 20c; 1/4 oz. 50c; 1/2 oz. 90c; oz. \$1.75.

Giant Zinnias -- Pastel Tints

Crown O' Gold Type

IMMENSE FLOWERS, borne profusely on robust plants. Finest of all pastel tints in the super-Zinnia class. Pkt. 15c; 1/4 oz. 40c; 1/2 oz. 75c; oz. \$1.30.

THUMBELINA ZINNIA

Wonderful new 1963 All-America Gold Medal Award winning dwarf zinnia. The compact, bushy plants start flowering when only 4 inches high and reach a total height of only 6 inches. The double and semi-double flowers are from 1 1/4 to 1 1/2 inches in diameter in colors ranging from white through lavender, pink, yellow and orange to scarlet. The low growth habit makes this zinnia valuable for a low edging plant in beds and borders; for rock gardens and even window boxes. Thumbelina is the first Gold Medal Award winner in 13 years. See illustration on cover.

PACKET 50c.

60c Zinnia Collection

Dahlia Flwd. Mixed	Cupids Mixed
Mammoth Mixed	Gt. Cactus Flwd.
Fantasy Wild Fire	Peppermint Stick

ONE PACKET EACH FOR 60c

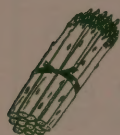
"Full Meal" Tablets



FULTON'S PLANTABBS provide all of the food elements essential to stimulate healthy plant growth, increase vigor and blooms, plus Vitamin B₁, and root-producing hormones.

Clean, odorless, convenient. Use Fulton's Plantabbs and enjoy the finest plants, flowers and vegetables you ever had.

20 Tablets19c	200 Tablets \$.100
50 Tablets39c	1000 Tablets \$.350
90 Tablets59c	



ASPARAGUS

Seed Pkt. 10c; ¼ lb. 70c; lb. \$2.50. (No asparagus roots this year.)



BOUNTIFUL BEANS

All Beans Priced Prepaid

TOPCROP Gold Medal Winner. Extremely resistant to disease and adverse climatic conditions. This prolific new bean is highly recommended for market growers as well as home gardeners. Pkt. 15c; ½ lb. 50c; lb. 90c; 5 lbs. \$3.50.

Brittle Wax -- Yellow Pod

Long round fleshy pods, almost as brittle as icicles. Bean white, dark eye.

Pkt. 15c; ½ lb. 45c; lb. 80c; 5 lbs. \$3.25.

Giant Stringless -- Green Pod

Beans light brown. Pods long, round, meaty, tender. Delicious.

Pkt. 15c; ½ lb. 40c; lb. 75c; 5 lbs. \$3.00.

Tendergreen -- Green Pod

Very long, almost straight, plump, dark green entirely stringless pods. Superb.

Pkt. 15c; ½ lb. 40c; lb. 75c; 5 lbs. \$3.00.

Kentucky Wonder -- Pole

Still the favorite pole bean. Green pods in clusters. Cook tender. Delicious flavor.

Pkt. 15c; ½ lb. 40c; lb. 75c; 5 lbs. \$3.00.

"Baby Lima" -- Henderson's

The small seeded delicious "Butter Bean." Easy to grow. Plants bear long time.

Pkt. 15c; ½ lb. 40c; lb. 75c; 5 lbs. \$3.00.

Burpee's Bush Lima

Thick seeded or "potato type." Improved strain. Plant so eye is up.

Pkt. 15c; ½ lb. 45c; lb. 80c; 5 lbs. \$3.25.



BETTER BEETS

PREPAID

Detroit Dark Red Globe shape; smooth; dark red; tops small. Good for early, medium or late. Splendid for canning. Large Pkt. 15c; oz. 40c; ¼ lb. 95c.

Early Wonder A splendid extra early variety. Quick growing globe shape. Flesh dark red, and tender. For summer, fall and winter. Large Pkt. 15c; oz. 40c; ¼ lb. 95c.



CABBAGE

PREPAID

Early Copenhagen Market

Also splendid for winter, if planted later. Pkt. 15c; ½ oz. 40c; oz. 70c.

Early Golden Acre

Plants compact. Heads round, solid, sweet. Pkt. 15c; ½ oz. 45c; oz. 80c.

Danish Round Head Winter

Short Stemmed Hollander. The favorite for late fall and winter. Solid. Good keeper. Pkt. 15c; ½ oz. 40c; oz. 70c.

Late Flat Dutch

Pkt. 15c; ½ oz. 40c; oz. 70c.

Perfection Drumhead Savoy

Heads nearly round. Leaves crimped. Sweet. Pkt. 15c; ½ oz. 40c; oz. 70c.

Mammoth Red Rock Winter

The round purple-red heads are excellent. Pkt. 20c; ½ oz. 50c; oz. 90c.

Chinese

Or CELERY CABBAGE. Sow in June. Pkt. 10c; ½ oz. 25c.



SWEET CORN

PREPAID

GOLDEN BANTAM. An old standby still good. Improved Colorado strain. Pkt. 15c; ½ lb. 40c; lb. 70c; 5 lbs. \$2.50.

Early Golden Beauty

All-American winner. A new early hybrid. Ears 7-8 inches long with 12-14 rows of medium width excellent flavored yellow kernels. Pkt. 15c; ½ lb. 45c; lb. 80c; 5 lbs. \$3.50.

Golden Cross Bantam

Plant this early medium or late. Or, still better, plant some of it every few weeks for a succession of the finest "roasting ears" from July to killing frosts. Large Pkt. 15c; ½ lb. 45c; lb. 80c; 2 lbs. \$1.50; 5 lbs. \$3.50.

POP CORN, Prepaid

"HULL-LESS." Ears short. Grains slim. Hulls thin. Pkt. 15c; ½ lb. 40c; lb. 70c.

DYNAMITE. (So. American.) Large. Rich yellow. Pkt. 15c; ½ lb. 40c; lb. 70c.

Hybrid Pop Corn

PURDUE NO. 31. Produces more ears and of better quality popping kernels. Pkt. 15c; ½ lb. 50c; lb. 90c.

Brussell Sprouts Tiny cabbages. grow closely on stalks. Pkt. 10c; ½ oz. 25c.



CELERY

Golden -- Self-Blanching One of the best early kinds for fall use. Pkt. 15c; ½ oz. 60c; oz. \$1.00.

Giant Pascal Best for winter use. May be blanched with soil, paper or boards. Pkt. 15c ; ½ oz. 50c; oz. 90c.



CARROTS

PREPAID

Chantenay (Improved Red Core). Pkt. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.45.

Danvers Flesh bright orange. Heavy yielder. Pkt. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.35.

Imperator Tops short. Roots cylindrical. Pkt. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.45.

Nantes Orange-red. Pkt. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.45.

Oxheart Short orange roots. Pkt. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.35.



CAULIFLOWER

PREPAID

EARLY SNOWBALL. Main crop variety. Pkt. 20c; ⅓ oz. 55c; ¼ oz. \$1.00; ½ oz. \$1.90; oz. \$3.50.

Cucumbers, Prepaid

Surecrop Hybrid This true hybrid cucumber is outstanding for its vigorous growth. Vines live and produce after other varieties have called it quits. Extremely disease resistant. Cucumbers are long and straight with good color and small seed cavity. Produces up to one-third more than non-hybrid varieties. Pkt. 30c; ½ oz. \$2.00; oz. \$3.50.

Prices: ALL CUCUMBERS BELOW:
Pkt. 15c; oz. 45c; ¼ lb. \$1.00.

Boston Pickling Known also as Chicago Pickling.

Davis Perfect Slim, dark green and crisp.

Early White Spine A good old favorite.

Long Green Improved Good slicer.

West India Gherkin Very small prickly sort, for pickles only. Use when quite young.



LETTUCE

PREPAID

ALL VARIETIES below, except Buttercrunch: Pkt. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.25.

Black Seeded Simpson

Grows quickly, making fluffy, loose bunch of tender, creamy leaves of delicate flavor.

Buttercrunch 1963 All-America winner. A Bibb type lettuce characterized by small, compact heavy heads with thick, juicy crisp leaves. Excellent flavor. Pkt. 25c.

Grand Rapids Light green leaves with fringed edges.

Iceberg Similar to Hanson. Crisp and tender. Fine for home gardens.

Prize Head Leaves crimped; tinged brownish-red. Early.

New York Also called Los Angeles, Wonderful, Mountain Iceberg, and Western Iceberg. Leading heading lettuce for market. Pkt. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.80.

Great Lakes All-American Bronze Medal Winner. A tight-heading, sure-to-head variety for home and market. Produces fine large heads, well rounded, very solid. Especially resistant to tipburn. Stands the longest of any lettuce without going to seed. Can be used as leaf lettuce at all stages of growth. The attractive crimped leaves are tender and delicious. Pkt. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.80.

To Make Head Lettuce Head

Lettuce will seldom head in hot weather, unless grown in shade. It is a cool weather plant, doing best very early in spring, or late in fall, as head lettuce.

Sowing head lettuce seed late in fall, just before ground freezes, is one good way to get an early start the next spring. Very early spring sowing—March or early April—is good.

Bear in mind that the ground should be good and rich, and that the plants should be thinned or transplanted to 6 to 10 inches apart. Then they should be hoed often, the oftener the better. You can't expect to pluck large solid heads of lettuce from a bed in which the plants are thick.



WATER MELONS

Prices: ALL AT PKT. 15c; OZ. 35c; 1/4 LB. 90c; Prepaid.

Early Canada Especially good in north or higher altitudes where growing season is short. Medium size, nearly round, with bright red flesh of good quality.

King and Queen (Winter Watermelon.) Variety light cream with green striping.

Kleckleys Sweet (The Rocky Ford.) Scarlet flesh. Solid heart. Sweet and sugary.

New Hampshire Midget Recently developed and widely advertised. Extremely early. Melons are somewhat smaller than a Honeydew. Thin rind; bright red flesh that is crisp and sweet.

Klondike The favorite strain. Flesh deep red, stringless.

Early Kansas Large, round, and very sweet. Extra early.

Tom Watson Similar to Kleckley's Sweet, but still larger.



MUSK MELONS

PREPAID

Prices: All Musk Melons, Pkt. 15c; oz. 35c; 1/4 lb. 90c.

Hale's Best No. 36 strain. Best of the Rocky Ford type Cantaloupes. Early. Salmon-colored flesh.

Honey Dew Medium size, round, creamy outside. Flesh green.

New Yorker Similar to Greeley Wonder, but better. The salmon meat is unusually thick and of very high sugar content.

Pennsweet All-America winner. Small, early with thick sweet orange flesh. Good for northern areas.

MUSTARD, Prepaid

Green Wave All-America winner. Erect, dark green, curled leaves. Cook it like spinach. Pkt. 10c; 1/2 oz. 25c; oz. 45c.



ONION SEED

PREPAID



Peppers

Brown Beauty Medium early maturing Sweet Spanish type hybrid. The bulbs are large and round and the entire onion is covered with an attractive dark copper-brown skin. Pkt. 25c.

Yellow Spanish The new mammoth improved UTAH strain. Deep yellow thick skin, small neck vigorous grower. Pkt. 15c; oz. 70c; ¼ lb. \$1.95.

White Spanish Gigantic size. Mild and sweet. Pkt. 15c; oz. 75c; ¼ lb. \$2.10.

White Silverskin Early, good size. Pkt. 15c; oz. 70c; ¼ lb. \$1.90.

White Globe Southport. Pkt. 15c; oz. 70c; ¼ lb. \$1.90.

Mountain Danvers Rich golden yellow globe. Nearly as round, and sound, as a baseball. Early. Pkt. 15c; oz. 70c; ¼ lb. \$1.85.

Yellow Globe Danvers Later than Mt. Danvers. Pkt. 15c; oz. 70c; ¼ lb. \$1.85.

Red Globe Southport type. Pkt. 15c; oz. 75c; ¼ lb. \$1.95.

Onion Sets

FINE COLORADO GROWN

PRICED PREPAID

Will make fine green table onions as well as large dry onions for fall and winter use. Plant fairly thick in row, pull up the larger ones for table use, and let the smaller size sets grow into nice firm matured bulbs to store for later use.

We have these fine sets available in both yellow and white varieties. When ordering, please specify color desired.

Sold by the quart. One quart equals approximately one pound in weight.

Yellow Onion Sets: Quart 50c; 2 quarts 90c; 3 quarts \$1.25; 5 quarts \$1.85.

White Onion Sets: Quart 55c; 2 quarts \$1.00; 3 quarts \$1.30; 5 quarts \$2.00.

Culture: Sow ¼ in. deep in hotbed or shallow boxes. Follow same suggestions given for tomatoes. Peppers will not germinate if ground is cold. Plants tender. Set out 12x24 inches after late frosts.

CALIFORNIA WONDER. A GIANT, with crisp, tender and sweet flesh. Not lopsided. Base level. Ideal for stuffing. A real wonder. Pkt. 15c; ½ oz. 35c; oz. 60c.

KING OF THE NORTH. A fine early pepper. Pkt. 15c; ½ oz. 40c; oz. 70c.

PIMIENTO. Mildest of all peppers. Pkt. 15c; ½ oz. 35c; oz. 60c.

RED CHILI. Small. Pkt. 15c; ½ oz. 35c.

PARSNIPS, Prepaid

ALL AMERICAN. Large. Pkt. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.00.

Broccoli Both stems and heads are cooked. Pkt. 15c.

Dill Mammoth. Pkt. 15c; oz. 30c; ¼ lb. 90c.

Egg Plant **BLACK BEAUTY.** Pkt. 15c; ½ oz. 30c.

Endive **GREEN CURLED.** Pkt. 15c; oz. 30c; ¼ lb. 85c.

Kohl-Rabi **WHITE VIENNA.** The best. Pkt. 15c; oz. 80c.

Okra, or Gumbo, Prepaid

Pods used in soups, to which they impart a rich flavor. Pkt. 15c; oz. 25c; ¼ lb. 70c.

Parsley Dark curled. Pkt. 15c; oz. 25c; ¼ lb. 80c.

PUMPKINS, Prepaid

Small Sugar The good old yellow pie pumpkin. Pkt. 15c; oz. 25c; ¼ lb. 70c.

King of Mammoths Largest of all. Pkt. 15c; oz. 30c; ¼ lb. 75c.

Prolific Profitable PEAS

for Particular Planters



PEAS

ALL PEAS PRICED PREPAID

Alaska Early smooth. Large Pkt. 15c;
1/2 lb. 35c; lb. 65c; 5 lbs. \$2.80.

Alderman Tall telephone type. Better.
Large pkt. 15c; 1/2 lb. 40c;
lb. 70c; 5 lbs. \$2.95.

Dwarf Telephone A second early.
Pods large. Large
pkt. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.95.

Edible Pod Dwarf Gray Sugar. Pods
as well as peas are cooked.
Pkt. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.95.

Giant Stride Medium vines, giant
pods and peas. Large
pkt. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.95.

Laxtonian Pods long, vines short.
Large pkt. 15c; 1/2 lb. 40c;
lb. 70c; 5 lbs. \$2.95.

Little Marvel Early; vine short; very
prolific; pods packed
tight. Large pkt. 15c; 1/2 lb. 40c; lb. 70c;
5 lbs. \$2.95.

Victory Freezer Medium size pea
especially adapt-
ed for freezing. Large pkt. 15c; 1/2 lb. 40c;
lb. 70c; 5 lbs. \$2.95.

SQUASH, Prepaid

Prices: All Squash: Pkt. 15c; oz. 35c;
1/4 lb. 90c; lb. \$2.95.

TRUE HUBBARD. The good old green,
solid, hard shell, long keeping, fine fla-
vored kind.

WHITE BUSH SCALLOPED. For summer
use.

EARLY PROLIFIC. Better than Crookneck.
For summer. Bush plants. Cream color.

BANANA. Delicious thick golden meat.

TABLE QUEEN. Color varies. Delicious.

ZUCCHINI (Black). Better than the gray.
Bush type. Grows to use when small.



RADISHES

PREPAID

Prices: All Radishes, except Champion,
at: Pkt. 15c; oz. 30c; 1/4 lb. 80c.

Champion All-America winner. Clear
bright scarlet, of round
form, with a slim taproot. It will grow and
remain crisp and firm to the diameter of a
silver dollar. The quality is of the best and
it stands a long time and to large size
without getting pithy. May be planted
very early, while ground is cold, and still
makes good roots and tops. A beautiful,
crisp radish. Pkt. 25c; oz. 65c; 1/4 lb. \$1.65.

White Icicle The name just fits. Is
the earliest long radish.

Early Scarlet Turnip WHITE TIP
(Sparkler
strain.) Quick growing, attractive.

French Breakfast Half long type.
Soon gets pithy.

Scarlet Globe EARLY. Round,
slightly elongated.
Crisp.

Crimson Giant Round, bright red,
growing quickly to
bunching size. Grows very large and still
remains crisp and mild.

Chinese Rose (Winter.) Pink, oval
or half long.

"Jack Spratt" Mixed

Red, white, long, short, fat, slim—in one
package. Pkt. 10c; oz. 25c; 1/4 lb. 65c.

Rutabaga, Prepaid

AM. PURPLE TOP. Purple above and yel-
low under the ground. Flesh yellow and
solid. Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.45.

Rhubarb, Pie Plant

Sow the seed in spring, and transplant
where wanted next spring. Pkt. 10c; oz. 40c.



TOMATOES

PREPAID

Beauty (Livingston.) Medium. Smooth. prolific, purplish red. Pkt. 15c; ½ oz. 50c; oz. 90c.

Chalk's Early Jewel Deep red. Pkt. 15c; ½ oz. 45c; oz. 85c.

Earliana Earliest red. Pkt. 15c; ½ oz. 50c; oz. 90c.

John Baer Large early scarlet. Big yielder. Pkt. 15c; ½ oz. 45c; oz. 85c.

Marglobe Large, smooth, solid, bright red, resistant wilt. Pkt. 15c; ½ oz. 45c; oz. 85c.

Ponderosa Largest of all tomatoes. Pkt. 15c; ½ oz. 50c; oz. 90c.

Pritchard (Scarlet Topper.) Solid brilliant red. Heavy yielder. Medium early. Disease resistant. All-America winner. Pkt. 15c; ½ oz. 45c; oz. 85c.

Rutgers Wilt resistant. Deep red skin and flesh. Ripens from inside out. Pkt. 15c; ½ oz. 40c; oz. 75c.

Yellow Plum Small prolific tomato for preserving. Pkt. 15c; ½ oz. 45c; oz. 85c.

SALSIFY, Prepaid

(Vegetable Oyster.) Pkt. 10c; oz. 40c.

Spinach, Prepaid

Prices: All Spinach; Large Pkt. 10c; oz. 20c; ¼ lb. 60c.

BLOOMSDALE, LONG STANDING. Large Savoy type leaves. Best of all.

BADGER SAVOY. Glossy, dark green leaves.

Swiss Chard

SPINACH BEET

Leaves may be cooked like spinach. Chickens like Swiss Chard and thrive on it. Pull off the outside stalks. Others keep forming. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$2.40.



TURNIPS

PREPAID

Prices: All Turnip Seed: Pkt. 15c; oz. 30c; ¼ lb. 55c; lb. \$1.65.

EARLY SNOWBALL. Small, pure white.

WHITE EGG. Quick growing, egg-shaped, pure white, for spring or summer.

PURPLE TOP GLOBE. Similar to White Egg in shape but with purple top.

Handy Gadget

We are most pleased with a handy little gadget that solves the problem of how to run a full stream of water from a hose to soak down a planting, and yet not wash the soil away.

This patented water bubbler, shown here with daughter Catherine, screws on to the end of the hose and is just the ticket for flood watering flowers, trees, lawns or vegetable gardens, or for "puddling in" new plantings. Since there are no moving parts it will last indefinitely.

POSTPAID, \$1.69 EACH



Helpful Hints

ALYSSUM. The favorite border plant. Easy to grow. Sow where plants are wanted for beds, edgings or borders. Cover $\frac{1}{4}$ inch. Thin to 5 to 6 inches.

ASTER. Not necessary to start the plants inside. Sow outdoors from real early spring to well into May. Sow in beds or rows. Cover one-fourth inch. Thin or transplant to rows 16 to 20 inches apart, 6 to 10 inches in row.

The improved wilt resistant strains overcome most Aster troubles, except the "yellows", which is caused by tiny hoppers that carry disease from one plant to another. Growing under cloth prevents yellows. Asters thrive best in a little shade. East side of a building seems to suit them fine.

BABY'S BREATH. (*Gypsophila*). The annual (often called Angel's Breath), white or rose, comes quickly from seed sown in garden, blooming in a few months. Good idea to make several sowings so as to use all summer and fall with bouquets of other flowers.

The perennial is white. It blooms second year from seed. A root will last for years, forming a large clump in time. Double best for drying. Sow very thin and cover lightly. Thin to a few inches apart. As the roots increase in size, thin still more. If want all double, pull out the singles. Roots easily transplanted also. (Double never comes all double from seed.)

BACHELOR'S BUTTON. They grow like weeds, yet the improved sorts are delightful for garden display or as cut flowers. Florists use lots of the double sorts for bouquets and designs. Plant the double varieties. Nothing much to it—just sow the seed as you would aster seed and thin to 6 or 8 inches.

BALSAM. (Touch-Me-Not.) Children's delight. Sow May, $\frac{1}{2}$ in. deep. Thin to 8 inches.

CALENDULA (Scotch Marigold). Another "easy-to-grow" flower. Sow early, medium or late in spring. Handle about same as asters. Stands lots of frosts, ice and snow. "It's a glutton for punishment."

CALIFORNIA POPPY (*Eschscholtzia*). Not easy to transplant, though can be done when plants real small. Better sow where wanted. Very hardy. Cover lightly, hardly one-fourth inch. Thin to 5 or 6 inches each way.

CALLIOPSIS. May be sown quite early outdoors. Cover $\frac{1}{2}$ inch. Thin to 10 inches.

CLARKIA. Lovely carnation-like flowers, resembling the flowering almond. Charming in garden, and exquisite for indoor bouquets. Buds will open after cutting. Partial shade best. Thin to 5 to 7 inches.

COLUMBINES. Bloom second year from seed. Like loamy soil, and partial shade best. Slow to germinate, especially the Rocky Mountain strain. Germinate best if sown very early spring, or just before ground freezes in fall. Thin to 6 to 8 inches.

COSMOS. Being tall, it should be grown as a background, or in center of bed. The early large-flowered kind is good. The newer "Sensation" strain still better. Sow April and May. Cover $\frac{1}{2}$ inch. Thin to 10 inches.

DELPHINIUM. Often exasperatingly slow to germinate. Hard to start in hot weather. Loves cooler weather. Follow suggestions given for Columbines. Cover seed about half inch. Avoid letting water stand on crowns of plants. Do not sprinkle plants late in day or evenings. Fine sulphur dust checks mildew.

FOUR O'CLOCK. Sow from middle of April to last of June. Cover one inch. Thin to 8 or 10 inches. Try this for a hedge if need something of the sort in a hurry.

GODETIA. Thrives best in cool moist soil and some shade. Nice for cutting. Buds open along stem much like the *Gladiolus*. Thin to 7 or 8 inches.

GOURDS. Plant when and as you plant cucumbers and melons. Tender. Wait till danger from frosts over. When matured and dry, give an even coat of shellac or varnish, if wish to keep as is for pets.

ICELAND POPPY. Sow where wanted, as hard to transplant, except when plants very small. Take plenty soil with roots if move them. Early spring or very late fall best time to sow, though with care can be started any time in summer. Danger of sun killing just as come up. Prevent loss by using temporary light cloth shade over bed or row till plants get a "toe hold." Cover seed lightly. Thin to 4 to 6 inches.

LARKSPUR. Still another that is a bit slow to come up, and likes early cool spring weather best, for germinating. Cover little less than half inch. Thin to 8 or 10 inches.

MARIGOLD. These old favorites of grandmother's garden are still going strong, increasing in popularity with the improvement of the strains of both the tall and dwarf types. Tall sorts should be given plenty of room, because they branch freely. Should have at least a foot of space to the plant. More, still better. Dwarf plants should be thinned or transplanted to about 6 inches apart. Sow seed any time in spring after soil is warm. Cover one-third inch.

MORNING GLORY. The old common kinds easy to germinate. But some of the new Mammoth kinds rather stubborn. Soaking seed in lukewarm water 12 to 24 hours helps. Another way is to chip off a little of the shell or rub seed on sand paper or cement wall to grind off a spot in shell. The main idea is to let moisture in, and yet not damage the "meat" especially the ends. Sow after ground warms up.

NASTURTIUM. So easy to grow that not much need be said. The new double sorts now used almost exclusively. Double kinds not like a rose, but often semi-double.

PETUNIA. Seed so fine that you are likely to sow too thick. Also, to cover too deep. Barely cover seed by sifting soil or sand over the seed. Press down with board after sowing. Cover with thin cloth till plants just peep through. Be careful. Watch daily. Bloom soon from seed sown outdoors. Give each plant 6 to 8 inches.

PHLOX DRUMMONDI. Annual, not the perennial that grows from root divisions. May be sown early in spring. Seed slow to germinate. Have patience, and don't neglect. See that they have moisture daily. Sow thinly in rows one foot apart. Cover one-fourth inch. Thin to 4 inches.

PORTULACCA. Don't sow till weather plenty warm, as likes HOT weather. Low growing and lovely for certain locations.

SALPIGLOSSIS (Velvet Trumpet). Will be grown much more extensively when more people learn to know it. Good idea to start indoors or in hotbeds, then transplant. But may be sown in the open when ground is warm. Cover one-fourth inch or less. A little slow to come up. Thin to 6 or 8 inches.

SNAPDRAGON. The improved Rust-Resistant strains make this always popular flower even more desirable. Seed germinates easier, plants more vigorous and have cleaner foliage, flowers large and lovely. Blooms first year from seed, and with a little protection usually lives over winter outdoors, blooming early the next year.

Lawn Grass Seed

Best White Dutch Clover

The finest and purest it is possible to obtain. Use in proportion of one pound clover to every five to ten pounds blue grass. ½ lb. 95c; 1 lb. \$1.80; 5 lbs. \$8.00. Prepaid.

True Kentucky Blue Grass

Pure, high-germinating seed of fine quality. Sow one pound to each 250 sq. ft. ½ lb. 75c; 1 lb. \$1.25; 5 lbs. \$5.50. Prepaid.

Blue Grass and Clover Mixed

Carefully mixed by us from our own stocks. Sow one pound to each 250 sq. ft. ½ lb. 75c; 1 lb. \$1.25; 5 lbs. \$5.50. Prepaid.

Mile High Lawn Blend

A very satisfactory grass mixture that gives excellent results. Composed of 50% Kentucky Blue Grass, 13% Bent grass, 7% White Dutch Clover, 13% Red Top grass and 17% Rye grass. ½ lb. 70c; 1 lb. \$1.20; 5 lbs. \$5.40. Prepaid.

Merion Blue Grass

The most outstanding grass development in years, Merion Blue Grass has an underground root and rhizome system that gives it such amazing vigor it helps to crowd out the No. 1 lawn enemy, crab grass. Needs less water and can be cut closer without injury. One pound is sufficient to cover 750 sq. ft. ½ lb. \$1.10; 1 lb. \$2.00. Prepaid.

Merion Blue Grass Formula

Contains 40% Merion Blue Grass plus Penn State Fescue, Highland Bent and Red Top. Ideal for spring sowing. The other grasses come up quicker and give a complete cover quickly until the Merion has a chance to get established and gradually take over. Sow one pound to every 750 square feet. ½ lb. \$1.00; 1 lb. \$1.90; 5 lbs. \$9.00. Prepaid.

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Terms of Sale

All goods are priced prepaid.

We guarantee safe delivery. Please check shipment on arrival to see if all items ordered are present and in good condition. Notify us promptly if everything not satisfactory. We want you to be pleased, so don't be backwards or bashful about letting us know if we have failed to achieve our goal.

In order to keep overhead expenses down and give you the most value for your dollar we must insist on cash with order, since we have no credit department.

Money order, postal note, personal check or bank draft best way to remit. Please do not send stamps or coins unless for very small amounts. Always a chance they will get lost in the mails. And remember to seal the envelope, too.

We discourage C. O. D. shipments. Recent postal rate increases raise the cost to you. No C. O. D. shipments without ¼ cash in advance.

We endeavor to supply you with highest quality seeds and bulbs. However, since they are grown beyond our control, we necessarily must limit our liability to the purchase price of the seeds or bulbs.

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ABOUT OUR IRIS:-

We are among the largest growers of fine Iris in the world. Every year we add new varieties to our already wonderful stock of breath-taking beauties.

We plan to mail this year's Iris catalog about the last of May. If you have purchased Iris from us within the past two years, you will automatically receive a copy. If you have not bought Iris from us within that time, and if you should like to have a copy, please accompany your request with ten cents in coin or stamps to help partially on handling and postage. The catalog itself costs us several times this amount.

Prices of many of the newer and finer varieties will be reduced this year, with selections available to fit any pocketbook.

Summer and fall is the ideal time for transplanting Iris. We start digging and shipping right after the Fourth of July. From then until November we ship to all parts of the United States. No spring shipments.

